AEE/SSD/SBR/000030 dt. 23/12/17

First/Part/Final

Original/Duplicate/Triplicate

CONTRACT CERTIFICATE
(For other words)

Date: .....

Division :DASARAHALLI DIVISION

bill received no .....dated... ... Sub division.....

Book voucher No.....

Dated.....Scheduled Docket No.....

Head of Account.....

Name of work (as per Sanctioned Estimate.) **Development work in Ward no. 13 mallasandra**

Name of contractor and full address: **M/S KRIDL**

Reference to Agreement No. EE/DD/WO/ 113 /17-18, Dated: 21/06/2017

Certified that the measurements were taken by me on 23-12-2017 .....and recorded in pages 58019 - 24

Measurements Book No 581/2017-18 And that the work is satisfaction executed.

Officer-in-charge of work.

Contractor

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Certified that the measurements were taken by me on 23/12/17 .....and found correct. The work is satisfactorily executed Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

If Memorandum of payment

Work Code No. 013-17-000082

		AMOUNT
1.	Total value of work done or Supplies made as per account 1st and finall Bill →	4988340=00
2.	Deduct amount to be held in reserve being .....percent Rs.....	
3.	Deduct amount to be held in reserve being balance	II → 99767=00
4.	Deduct payments:	
	a) Amount of previous payment as in the office cash book voucher No.....Dated.....S.D.No..... Amount adjusted towards cash advance recovery of	SD → 249417=00 (S)
	b) Payment cost store or other materials supplied.	LR → 623542=00 478982=00
5.	Balance being unpaid value of work done held in reserve	Total LWC → 49883=00
6.	Deduct cash advance made on the office cash book vehicle No..... Dated.....less adjustments.	CSF → 4988=00
		Fine → 12573=00
7.	Net amount due to or from contractor unadjusted items	
8.	Advance to contractor for materials brought to site (as detailed)	
	Within value of Government materials supplied.	
	Total amount adjusted:	4509358=00

Contractor signature.

Received Rs..... (In words)
.....
.....by cash and by adjustment of

Payment as per memorandum.
(In final settlement of all demand)

Witness:
1.
2.
Date:

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Paid by me by cheque No.....Dated.....
Cash Rs.....dated.....
Initials of officer making payment dated.....

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010
(for use in the office)

Audited and admitted for Rs. 4988340=00
Passed by Cheque for Rs. 4509358=00
(.....)
.....
Contractor Signature. 478982=00 Executive Engineer.

Accounts Superintendent Exe. Engineer
B.B.M.P. Dasarahalli Division

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Sl No	Description of work	Units	Previous Measurement		
			Qty.	Rate Rs.P.	Cost
1	2	3	4	5	6
1	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3	Cum	-	-	-
2	Removing B.S slab of drain and stacking	SQM	-	-	-
3	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No. 4.3 of PWD SR 2016-17)	Cum	-	-	-
		Cum	-	-	-
4	KSRRB 400 Granular Sub-Base with Coarse Graded Material (table 400-2) KSRRB M400-7. Construction of granular sub-base by providing Coarse graded crushed stone aggregates of granite / trap / basalt material, speading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with vibratory roller to achieve the desired density, complete as per specifications. - For Grading II Material	Cum	-	-	-
5	KSRRB M600-1. Construction of dry lean cement concrete mix CC1:5:10 with OPC cement @160Kgs, with 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @ 0.58cum Sub- base over a prepared sub-grade with (coarse and fine aggregate conforming to IS: 383) aggregate cement ratio not to exceed 15:1. Aggregate gradation after blending to be as per Table 600-1, cement content not to be less than 160 kg/ cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications. . MORTH Specification No. 601	Cum	-	-	-
6	KSRB 4-1.5 : Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed. concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No. 4.5 of PWD SR 2016-17)	Cum	-	-	-
7	KSRB 4-6.4 : Providing and removing **centering, shuttering, strutting, propping** etc., and removal of form work for **vertical surface** such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2	SQM	-	-	-

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Present Measurement			Total Up-to-Date		Remark
Qty.	Rate Rs.P.	Cost	Qty.	Cost	
7	8	9	10	11	12
980.70	175.96	172563.97	980.70	172563.97	
561.60	65.72	36908.35	561.60	36908.35	
50.03	4443.52	222309.31	50.03	222309.31	
12.97	5159.02	66912.49	12.97	66912.49	
224.00	1582.52	354484.48	224.00	354484.48	
168.00	3986.66	669758.88	168.00	669758.88	
151.20	5874.52	888227.42	151.20	888227.42	
756.00	310.58	234798.48	756.00	234798.48	

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8	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. **- M20 (at 300Kg per cum coarse aggregate @ 0.64cum and fine aggregate @ 0.43cum)**	cum	-	-	-
9	KSRB 4.9.2 : Providing **T.M.T steel reinforcement for R.C.C work** including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 - **TMT bars Fe 500**	TONNES	-	-	-
10	Providing groove cutting for width of 5mm to 10mm and depth 80mm- 100mm including cost of cutting machine, generator & HOM of machinery, including cost of blade,coolant etc., including cleaning of groove & providing sand and hot bitumen fillars, and filler metal etc., including cost of conveyance of all materials, labour, lead and lift charges and all other incidental charges as per drawing and as per specifications. **- for concrete pavement**	SQM	-	-	-
11	Providing & laying reinforced cement precast slabs of mix CC 1:1/2:3 using 20mm & down size granded granite metal using HYSD 10mm dia steel @ 100mm c/c both ways & complete as per specification	SQM	-	-	-

CERTIFICATE :

1) **Certified that the Contractor has done the work satisfactorly**
2) **Certified that the Contractor has removed all debrics from spot**
3) **There is no dpt material issued to contractor**
4) **Quality Control Test Report and Photo graphs are enclosed along with bills**

6/AH-13

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168.00	6217.76	1044583.68	168.00	1044583.68	
9.07	74331.44	674186.16	9.07	674186.16	
.	.	.	.	.	
126.00	1680.00	211680.00	126.00	211680.00	
Total Rs		4576603.00		4576603.00	
KRIDL Charges (9%)		411894.27		411894.27	
GRAND TOTAL Rs		4988497.27		4988497.27	

4576460=00
411880=00
4988340=00

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

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